

## ABSTRACT

A system and method of generating methane gas from organic material, e.g., animal waste. A mixture known to produce methane gas which may include animal waste and vegetation as desired, is treated, also as desired, with an inoculant and inserted into a plastic bag. The plastic bag is extended at one end beyond the portion filled with organic material to produce a collection space for collecting the gas. As the gas is generated, the gas migrates to the provided space and is released for collection and use as an energy source. An upper passage provided in the material enhances migration of the gas to the provided space. As desired, aeration conduits are provided in the material and upon depletion of the methane gas, the mixture may be treated for composting and used as fertilizer.